

LEC-7230L

Compact Fanless Digital Signage IPC with
Intel® Bay Trail CPU



■ Features

- Intel® J1900 Quad-core Processor
- Intel® HD Graphics / VGA (1600x1200) / HDMI (1920x1080)
- Dual GbE LAN Ports
- Dual RS-232/422/485 Serial Ports
- 1x USB 3.0 and 2x USB 2.0 Ports
- 1x Mini-PCI-E Slot with SIM Card Reader
- Compact and Fanless

■ Specifications

Processor System

CPU	Intel® Celeron® J1900
Frequency	2GHz
Core Number	4C
BIOS	AMI SPI Flash BIOS
Chipset	SOC

Fanless

Yes

Memory

Technology	DDR3L, 1333 MHz
Max. Capacity	8 GB
Socket	1 x 204-pin SODIMM

Graphic

Controller	Intel® HD Graphics
VGA	1 x VGA, 1600 x 1200
DVI	-
HDMI	1 x HDMI, 1920 x 1080

Audio

Codec	Realtek ALC662 High Definition
Interface	2 x Phone Jack for MIC-in and Line-out

Ethernet

Controller	Intel® i211-AT
Speed	10/100/1000 Mbps
Interface	2 x RJ45

Storage

Type	PATA
Installation	1 x CF Type I/II Socket
Type	SATA II
Installation	1 x 2.5" HDD/SSD Drive Bay

I/O

Serial Port	2 x RS-232/422/485, DB9 male
Digital I/O	-
USB 2.0	2 x Type A
USB 3.0	1 x Type A
Power-On/Reset Button	1 x Power On/Off, 1 x Reset

Remote	-
LED	Power/3G Status/Storage
Antenna Hole	1 x SMA Antenna Hole

Expansion Interface

Mini-PCIe	1 x Full-sized Socket with SIM Card Reader
PCI	-
PCI Express x1	-
PCI Express x4	-

Watchdog Timer

Watchdog Timer 1~255 Level Time Interval System Reset
Software Programmable

Power

Power Type	ATX
Power Supply Voltage	+12 Vdc
Connector	DC Jack with Lock
Power Consumption (Idle)	7.36W
Power Consumption (Full Load)	11.43W
Power Adaptor	AC to DC, AC 90 to 240 VAC Input, DC 12V/5A 60W

Environment

Operating Temperature (w/ Industrial-grade Components)	0°C~40°C
Storage Temperature	-20°C ~ 60°C
Relative Humidity	0% ~ 90% (Non-condensing)
Vibration	IEC 60068-2-64, 0.5Grms, Random 5 ~500 Hz, 40 Mins/Axis

Mechanical

Dimension (W x H x D)	195.6 x 41 x 146.8 mm (7.7" x 1.61" x 5.78")
Construction	Plastic
Weight	0.9 Kg
Mounting	VESA/DIN-rail/Wallmount

Driver Support

Microsoft Windows	WES 7 E, Win 7 Pro FES, WE 8 S, WE 8.1 Industry Pro
Linux	Kernal 3.x

Certification

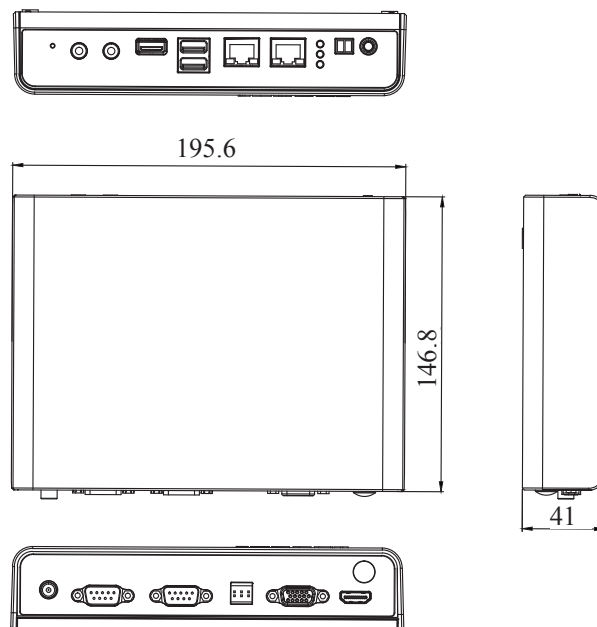
EMC	CE/FCC, Class A
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■ Product I/O View



- | | | | |
|-----------------------|-------------------|------------------|-----------------------|
| A Power On/Off | D Line_out | G DC_IN | J HDMI |
| B LAN x 2 | E MIC_in | H COM x 2 | K Antenna Hole |
| C USB x 3 | F Reset | I VGA | |

■ Dimensions (W x H x D) 195.6 x 41 x 146.8 mm (7.7" x 1.61" x 5.78")



■ Ordering Information

LEC-7230L-J11A Fanless Box PC with Intel® Celeron® J1900 (2GHz)

■ Standard Accessories

080W1N0002001 SATA SSD/HDD Cable with Power

0P0W060122002 AC Power Adapter 60W 12V/5A, DC Jack with Lock

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Lanner

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